

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Marc K. HELLERSTEIN

Application No.: 10/701,990

Confirmation No.: 6654

Filed: November 4, 2003

Art Unit: 1657

For: DEUTERATED GLUCOSE OR FAT  
TOLERANCE TESTS FOR HIGH-  
THROUGHPUT MEASUREMENT OF THE  
METABOLISM OF SUGARS OR FATTY  
ACIDS IN THE BODY

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Examiner: R. J. Gitomer

**RESPONSE TO NON-FINAL OFFICE ACTION OF AUGUST 2, 2007**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

This is in response to the non-final Office Action dated August 2, 2007 (Paper No. 20070731), for which a response is due on November 2, 2007. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested.

**Amendments to the Specification** begin at page 2 of this paper.

**Amendments to the Claims** begin at page 3 of this paper.

**Remarks/Arguments** begin on page 9 of this paper.